

REMARKS

Claims 2-6, 8, 9, and 11-23 are pending in this application. By this Amendment, claims 1, 7, and 10 are canceled without prejudice to or disclaimer of the subject matter found therein, claims 2-6, 8, 9, and 11-15 are amended, and claims 16-23 are added. The amendment to claims 2-6, 8, 9, and 11-15 changes the dependency of these claims to depend from new claim 16. No new matter has been added.

Applicant appreciates the courtesies shown to Applicant's representative by Examiner Peace in the February 3, 2006 personal interview. Applicant's separate record of the substance of the interview is incorporated into the following remarks.

Applicant appreciates the indication of allowability of claims 7, 8, and 10-12 if rewritten in independent form including all the features of the base claim and any intervening claims. Applicant respectfully submits that all the claims are allowable for the reasons discussed herein.

Claims 1-6, 9, 14, and 15 are rejected under 35 U.S.C. §102(b) over Leone et al. (Leone), U.S. Patent No. 5,793,909. The rejection is respectfully traversed.

During the telephone interview, Applicants representative discuss the differences between Applicant's claimed subject matter and the applied references. In particular, Leone fails to disclose or suggest an optical interconnection circuit, comprising an integrated circuit chip; a first circuit block that is provided on the integrated circuit chip, the first circuit block including a first light emitting element; a second circuit block that is provided on the integrated circuit chip, the second circuit block including a first light receiving element; and an optical waveguide that is provided on the integrated circuit chip, the optical waveguide optically connecting the first light emitting element and the first light receiving element, as recited in claim 16.

Similarly, Leone fails to disclose or suggest an optical interconnection device, the device comprising a first light emitting element that emits a first light; a second light emitting element that emits a second light whose wavelength is different from a wavelength of the first light; and an optical waveguide that transmits the first light and the second light, as recited in claim 19.

As agreed at the interview, claims 16 and 19 differ substantially from claim 1. As agreed at the interview, because claim 1 is cancelled and claims 16 and 19 are substantially different from claim 1 and claims 3-6, 8, 9, and 11-15 are amended to depend from new claim 16, the premise on which the rejection of claim 1 was based is rendered moot.

Accordingly, the cancellation of claim 1 makes the rejection of claim 1 moot. Further, claims 2-6, 9, 14, and 15 are amended to depend from new claim 16. Thus, the rejection of claims 2-6, 9, 14, and 15 are rendered moot because these claims no longer depend from canceled claim 1. Accordingly, it is respectfully requested that the rejection be withdrawn.

Claim 13 is rejected under 35 U.S.C. §103(a) over Leone. The rejection is respectfully traversed.

As discussed above, claim 1 is canceled. Claim 13 is amended to depend from new claim 16 rendering this rejection moot. It is respectfully requested that the rejection be withdrawn.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of pending claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Attachment:
Request for Continued Examination

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